

Figure 1

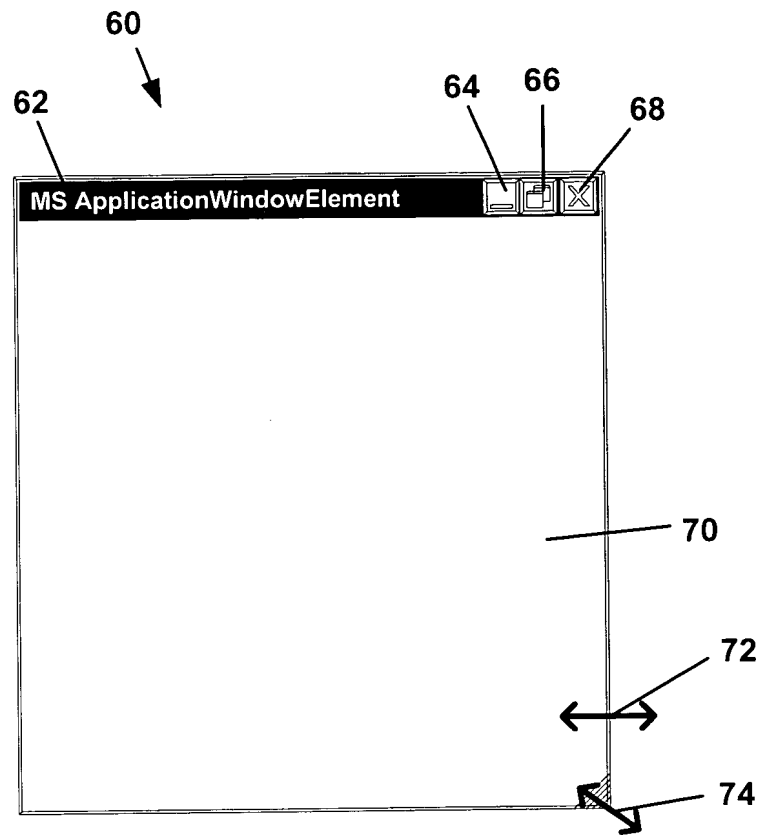
[illegible]

Figure 2

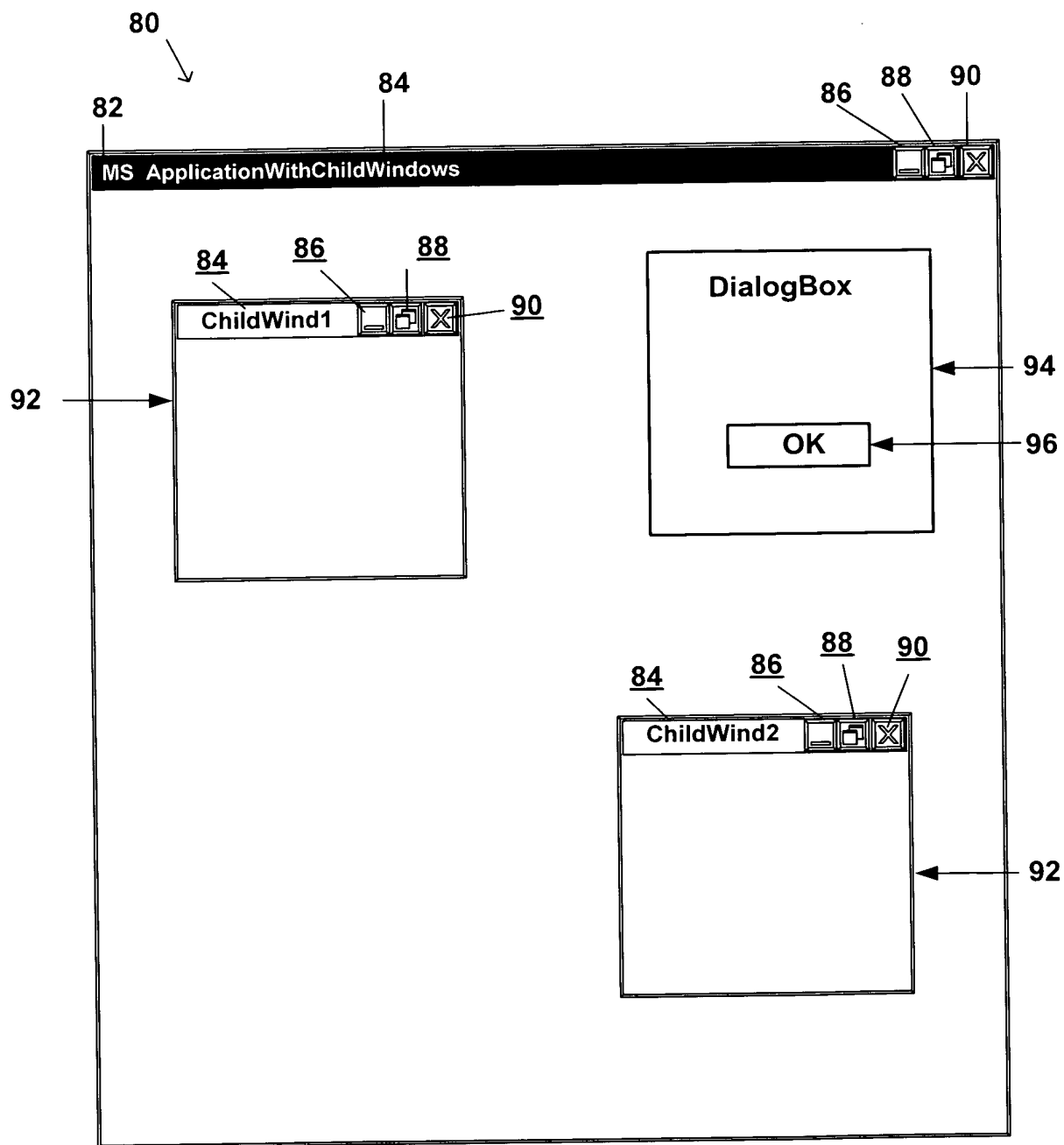


FIGURE 3

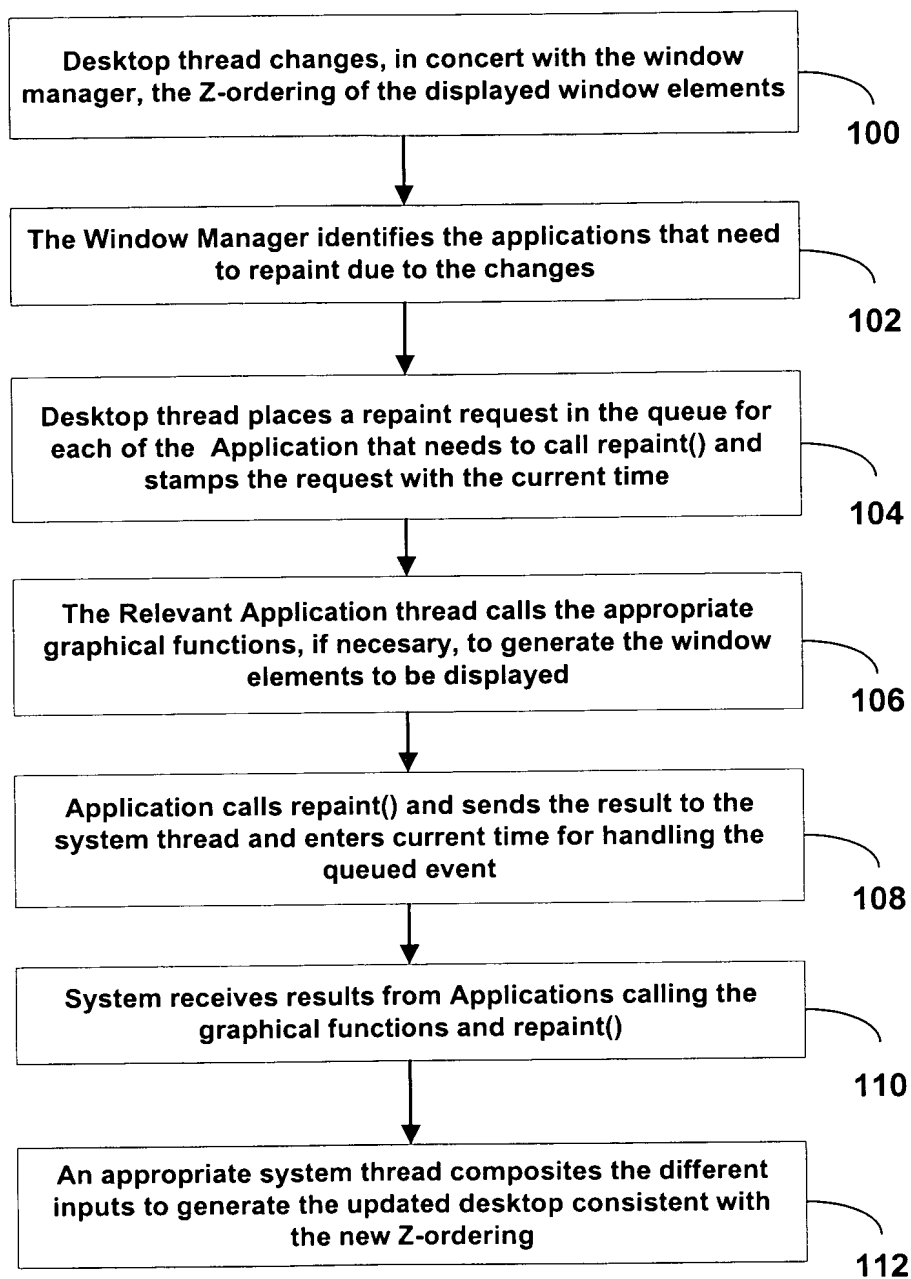


FIGURE 4

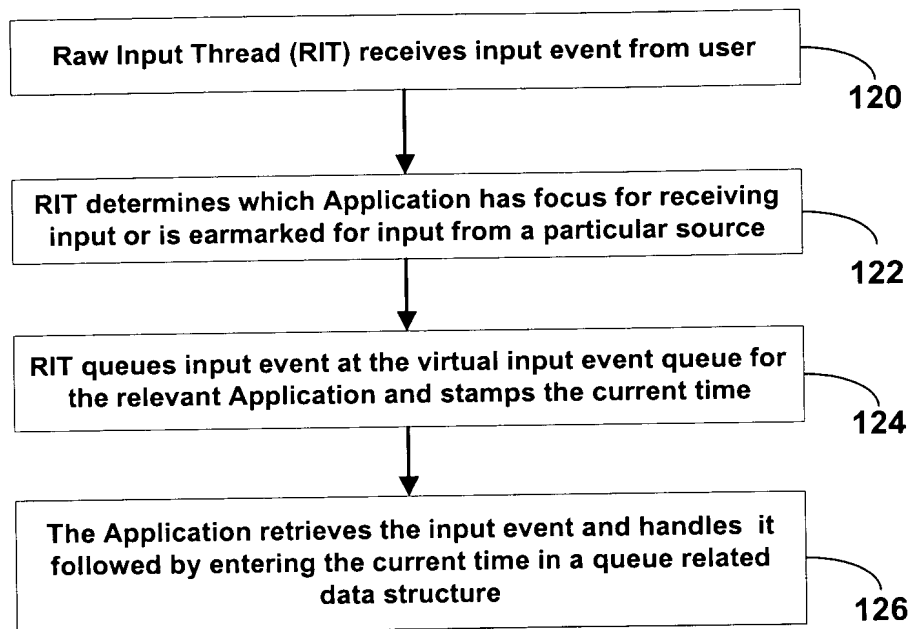


FIGURE 5

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graph TD
    130[System thread detects a hung application] --> 132{System thread determines if a ghost thread exists}
    132 -- No --> 134[System thread requests that a ghost thread be created]
    132 -- Yes --> 136[System thread requests a ghost window be created by the ghost thread to cover the specified window]
    134 --> 136
    136 --> 138[Ghost thread calls graphical routines followed by repaint()]
    138 --> 140[Ghost thread updates the display system thread and focus to update the display and redirect the input]
    140 --> 142[Ghost thread is notified that the Application is no longer "hung"]
    142 --> 144[Ghost thread destroys the ghost window and restores the Application window along with queueing the input for the Application]
  
```

FIGURE 6

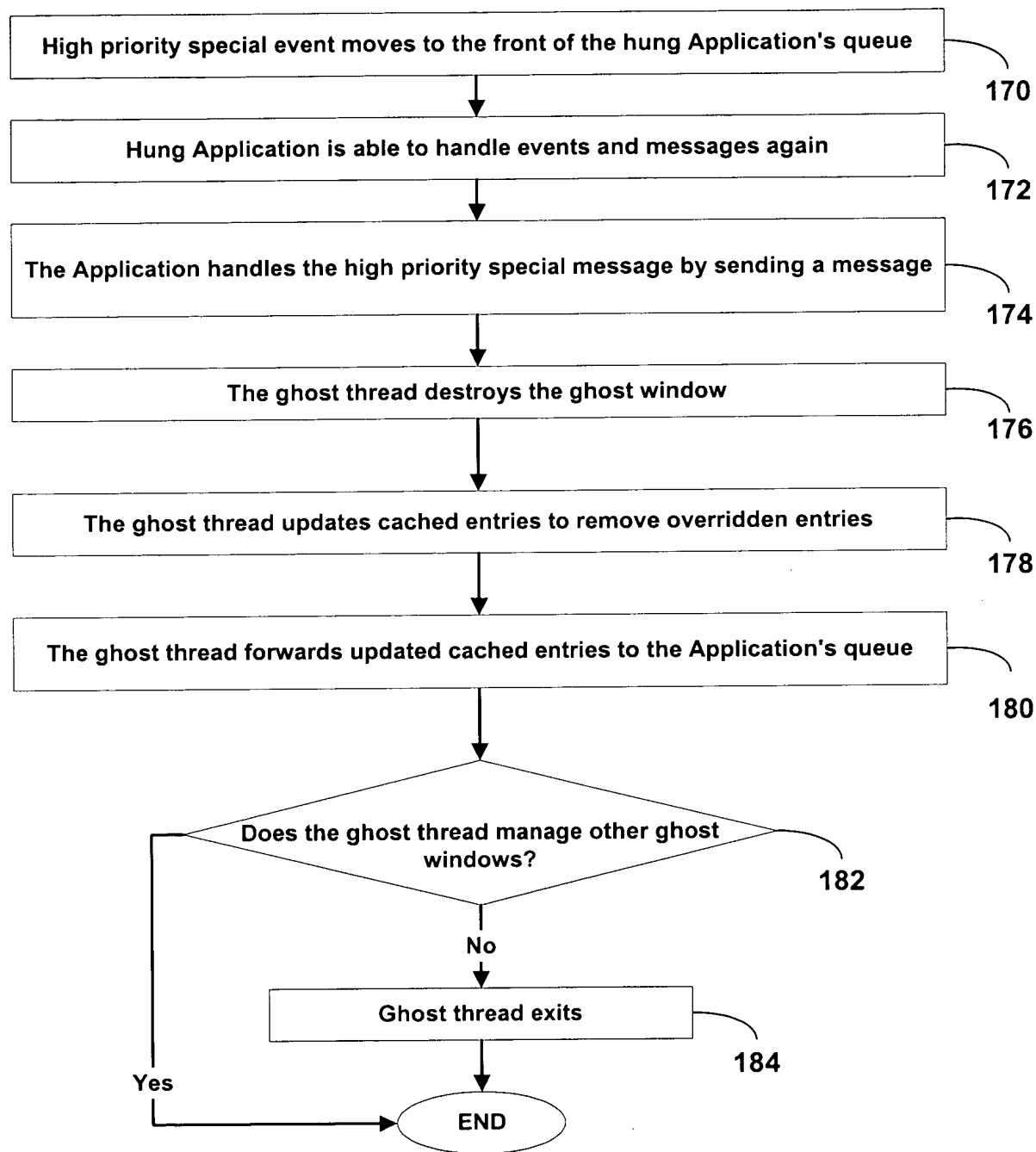


FIGURE 8

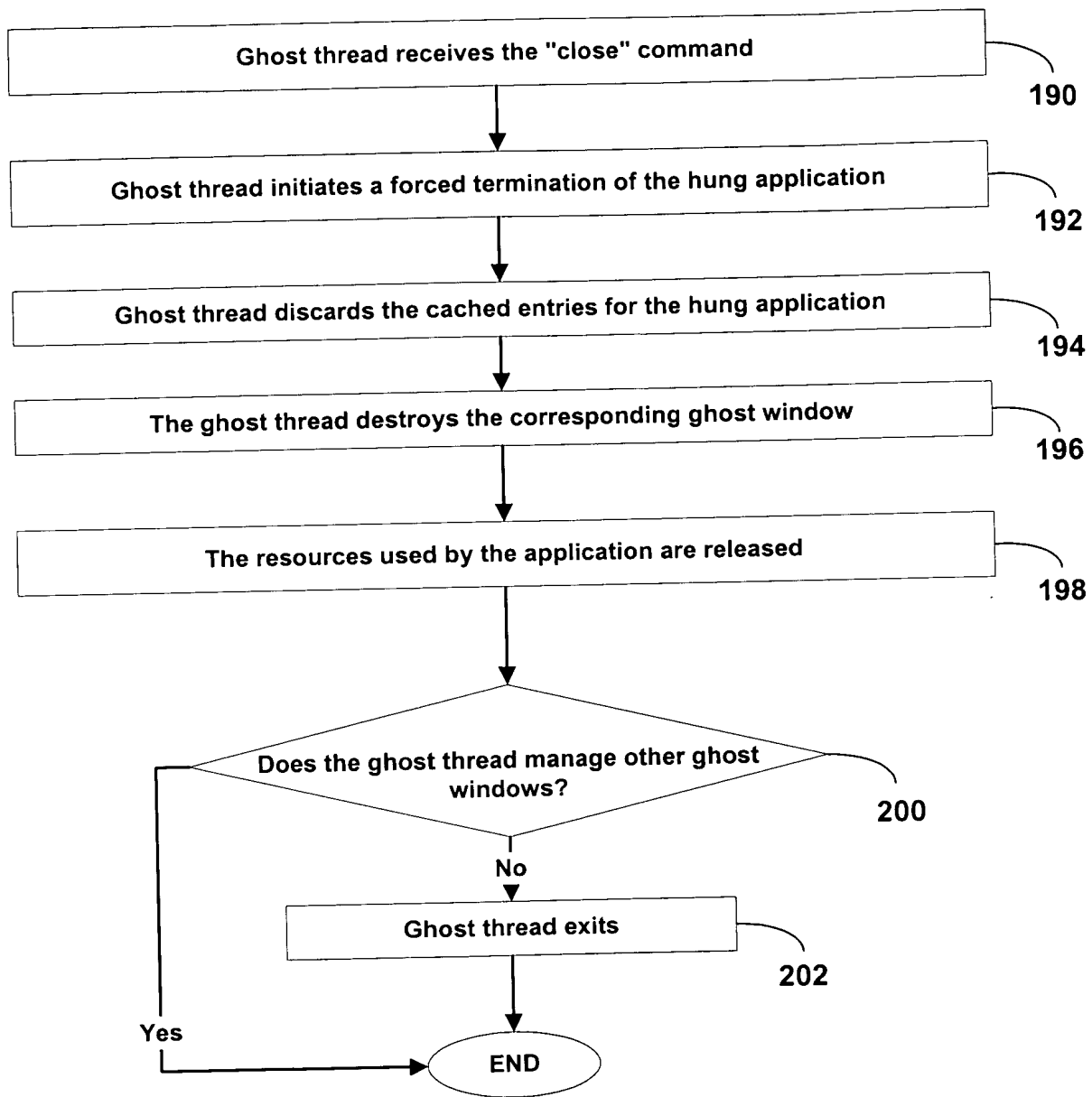


FIGURE 9

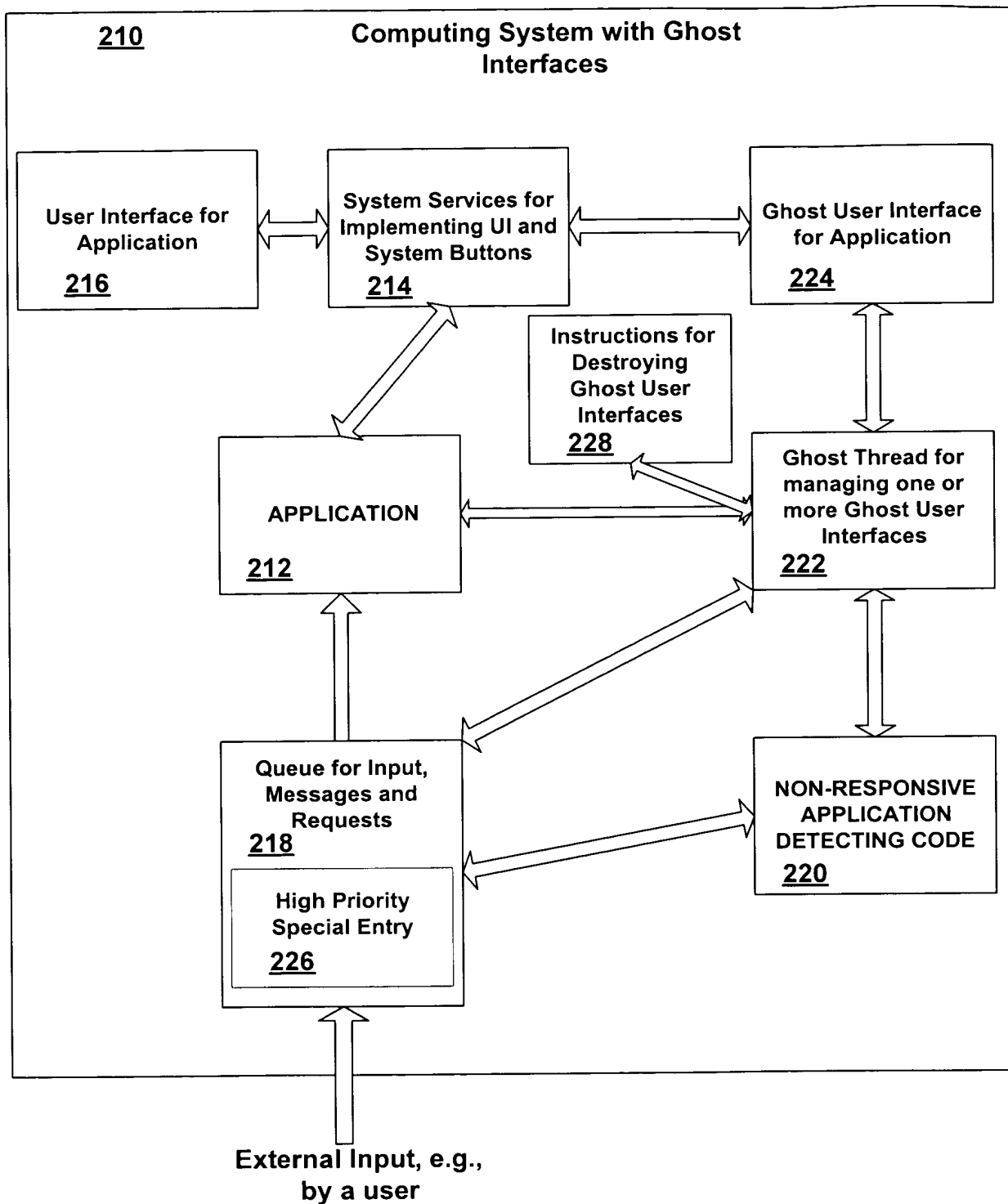


FIGURE 10